

# Global Precipitation Measurement Mission

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

## Hurricanes and Hot Towers with TRMM

### Student Capture Sheet

Objective: Describe the factors that cause a hurricane to form, and how satellite data helps improve the prediction of hurricane tracks and intensity.

Have you ever experienced a hurricane or a severe storm? What was it like? \_\_\_\_\_

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What are the three things that hurricanes need to be able to form? Write a few notes about each.

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Why do we want to be able to predict hurricanes? \_\_\_\_\_

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What is a track forecast cone? \_\_\_\_\_

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How has hurricane prediction changed over time? \_\_\_\_\_

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What instruments does TRMM use to study hurricanes? What can they tell us? \_\_\_\_\_

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developed by the



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Use the boxes below to create a comic strip showing a news report or weather forecast, or telling the story of a storm as it approaches. Be sure to refer to the prompts on the other side of the paper as you draw if you need ideas. You can use the lines below the boxes for captions, or leave them blank and use speech or thought bubbles in the boxes themselves.

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